

## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME O'Connor, Annette	POSITION TITLE Visiting Professor, Dartmouth Medical School		
eRA COMMONS USER NAME O'CONNOR	Professor, University of Ottawa Senior Scientist, Ottawa Health Research Institute		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing,</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Ottawa, Ottawa, Ontario, Canada	BScN	1972	Nursing
University of Toronto, Toronto, Ontario, Canada	MScN	1979	Nursing-Medical-Surgical
University of Toronto, Toronto, Ontario, Canada	PhD	1986	Medicine-Decision Making

### A. Positions & Honors

#### Positions and Employment

1972	Staff Nurse, Emergency Department, Ottawa General Hospital, Ottawa, Canada
1972-1974	Staff Nurse, Medicine & Medical & Coronary ICU, Sunnybrook Medical Centre, Toronto Canada
1974-1976	Teacher, Nursing Assistant Program, Ministry of Colleges & Universities, Toronto, Ontario, Can
1976-1977	Teaching Master, Nursing Div, George Brown College of Applied Arts & Tech, Toronto, Canada
1977-1979	Teaching & Research Assistant, Faculty of Nursing, University of Toronto, Toronto, Ontario
1979-1982	Assistant Professor, School of Nursing, Queen's University, Kingston, Ontario, Canada
1982-1984	Teaching Assistant, Faculty of Nursing, University of Toronto, Toronto, Ontario, Canada
1984-1989	Assistant Professor, School of Nursing, University of Ottawa, Ottawa, Ontario, Canada
1989-1991	Vice-Dean, Research, Faculty of Health Sciences, University of Ottawa
1989-1997	Associate Professor, School of Nursing, University of Ottawa
1990-present	Joint Appointment, Dept. of Epi & Comm Medicine, Faculty of Medicine, University of Ottawa
1994-1995	Assistant Director, Graduate Program School of Nursing, University of Ottawa
1994-2009	Senior Scientist, Clinical Epidemiology Program, Ottawa Health Research Institute
1997-present	Full Professor, University of Ottawa
2000	Visiting Academic, Dept. Primary Care, Institute of Health Sciences, University of Oxford, UK
2000-2001	Interim Director, Clinical Epidemiology Program, Ottawa Health Research Institute
2001-2002	Sabbatical Scientist, Dartmouth Medical School, Hanover, NH
2006-present	Visiting Professor, Dartmouth Medical School, Hanover, NH

#### Honors:

1978-1979	Professional Training Award, Ontario Ministry of Health, Ontario Canada
1982-1984	Connaught Scholarship, University of Toronto, Toronto, Canada
1986	JC Laidlaw Prize for outstanding research, University of Toronto, Faculty of Medicine
1988	Research Award for best proposal in oncology nursing, Oncology Nursing Foundation
1990-1995	Career Investigator Award, Medical Research Council of Canada & NHRDP
1995-2002	Career Scientist, Ontario Ministry of Health
2002-2009	Tier 1, Canada Research Chair in Health Care Consumer Decision Support
2003	YM/YWCA, Women of Distinction Award, Private Sector, Research & High Tech
2004	Society for Medical Decision Making-John M. Eisenberg Award in Recognition of Exemplary Leadership in the Practical Application of Medical Decision Making Research
2005	University of Ottawa Excellence in Research Award
2005	Fellow, Canadian Academy of Health Sciences
2006	Health Innovation Award, Ottawa Life Sciences Council

## **B. Selected peer-reviewed publications [10 most significant contributions]:**

- 1. Widely used measure of patients' decisional needs.** O'Connor, A.M. Validation of a decisional conflict scale. **Med Decis Making**.15(1):25-30, 1995.
  - 2. Conceptual framework of decision support as a clinical skill.** O'Connor A, Tugwell P, Wells G, Elmslie T, et al. A decision aid for women considering hormone therapy after menopause: Decision support framework and evaluation. **Pat Edu Counsel**. 33(3):267-279, March 1998. O'Connor AM, Légaré F, Stacey D. Risk communication in practice: The contribution of decision aids. **BMJ**. 2003; 327: 736-740
  - 3. Randomized trials of Ottawa patient decision aids.** O'Connor A, Tugwell P, Wells G, Elmslie T, et al. Randomized trial of a portable, self-administered decision aid for post-menopausal women considering long-term preventive hormone therapy. **Med Decis Making**. 18(3):295-303, 1998. Man-Son-Hing M, Laupacis A, O'Connor A, Biggs J, Drake E, Yetisir E, Hart R & SPAF Investigators. A Patient Decision Aid Regarding Antithrombotic Therapy for Stroke Prevention in Atrial Fibrillation. A Randomized Controlled Trial. **JAMA** 282(8):737-743, 1999.
  - 4. Methodological issues in developing/evaluating patient decision aids.** O'Connor AM, Fiset V, DeGrasse C, Graham I, Evans W, Stacey D, Laupacis A, Tugwell P. Decision aids for patients considering options affecting cancer outcomes: Evidence of efficacy and policy implications. **J Nat Cancer Institute Mon**. 25:67-80, 1999.
  - 5. First large scale survey of physician's attitudes toward decision aids.** O'Connor, A., Llewellyn-Thomas, H., Sawka, et al. Physicians' opinions about decision aids for patients considering systemic adjuvant therapy for axillary-node negative breast cancer. **Pat Edu Counsel**. 30:143-153, 1997.
  - 6. First systematic review of trials of patient decision aids.** O'Connor A, Rostom A, Fiset V, Tetroe J, Entwistle V, Llewellyn-Thomas H, Holmes-Rovner M, Barry M, Jones J. Decision aids for patients facing health treatment or screening decisions: A Cochrane systematic review. **BMJ** 319(7212):731-734, 1999. *First systematic review of patient decision aids.*
  - 7. First national survey of a population's decision needs for complex health care decisions.** O'Connor AM, Drake ER, Wells GA, Tugwell P, Laupacis A, Elmslie T. A survey of the decision-making needs of Canadians faced with complex health decisions. **Health Expect**, 6(2):97-109, 2003.
  - 8. First trial evaluating decision support skills of health coaches when discussing preference-sensitive decisions.** Stacey D, O'Connor A, Graham I, Pomey MP. Randomized controlled trial of the effectiveness of an intervention to implement evidence-based patient decision support in a nursing call centre. **J Telemedicine and Telecare** 2006; 12:410-415. *First trial evaluating the process of decision support for values-sensitive decisions provided by call center nurses.*
  - 9. First international standards for developing/evaluating patient decision aids.** Elwyn G, O'Connor A, Stacey D, Volk R, Edwards A, Coulter A, Thomson R, Barratt A, Barry M, Bernstein S, Butow P, Clarke A, Entwistle V, Feldman-Stewart D, Holmes-Rovner M, Llewellyn-Thomas H, Moumjid N, Mulley A, Ruland C, Sepucha K, Sykes A, Whelan T, The International Patient Decision Aids Standards (IPDAS) Collaboration. Developing a quality criteria framework for patient decision aids: online international Delphi consensus process. **BMJ**. 2006 Aug 26;333(7565):417.
  - 10. Policy/Issues papers on implementing patient decision aids.** O'Connor A, Wennberg J, Légaré F, Llewellyn-Thomas H, Moulton B, Sepucha K, Sodano A, Staples King J. Towards the Tipping Point: Accelerating the diffusion of decision aids that help patients to weigh benefits versus risks. **Health Affairs** 2007; 26(3). *Policy paper on implementing patient decision aids.* Woolf SH, Chan EC, Harris R, Sheridan SL, Braddock CH 3<sup>rd</sup>, Kaplan RM, Krist A, O'Connor AM, Tunis S. Promoting informed choice: Transforming healthcare to dispense knowledge for decision making. **Ann Intern Med**. 2005; 143: 293-300. O'Connor AM, Stacey D. Should patient decision aids be introduced in the health care system? World Health Organization Health Evidence Network, Nov. 2005.
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## C. Research Support

### Ongoing Research Support:

Vandemheen (PI) 2005-2007

Physician Services Incorporated

**Development of a decision aid for adult cystic fibrosis patients considering bilateral lung transplantation.** To obtain expert panel review of the decision aid developed for adult cystic fibrosis patients considering bilateral lung transplantation and to determine if use of the decision aid increases knowledge about the options, improves realistic expectations and helps to decrease decisional conflict in patients with cystic fibrosis considering lung transplantation.

Role: Co-investigator, thesis supervisor

O'Connor (PI) 2004-2010

Canadian Institutes for Health Research [Federal Granting Agency]

**Group grant in decision support tools for clinicians and patients.**

This group grant will develop and evaluate evidence-based diagnostic and therapeutic decision support tools for patients and practitioners, as well as examine the best methods for implementing these tools.

Brehaut/O'Connor (PI) 2004-2007

Canadian Institutes for Health Research [Federal Granting Agency]

**Improving decision quality in people with arthritis.**

Role: Co-principal Investigator

Stiell/O'Connor (PI) 2004-2007

Canadian Health Services Research Foundation/Canadian Institute for Health Research [Federal Granting Agency] **Improved emergency department efficiency through triage nurse evaluation of immobilized trauma patients.**

The goal of this project is to evaluate the potential for increased autonomy and decision making for ED triage nurses and nurse practitioners and for Canadian wide improvements to the efficiency of initial trauma patient management.

Role: Co-principal Investigator

O'Connor (PI) 2002-2009

Canada Research Chairs (Can. Govt.)

**Canada Research Chair in Health Care Consumer Decision Support:** Personnel, infrastructure, lab, core support staff award to lead a team of investigators to discovering better methods of patients' decision making of health care options and decision support needs.

### Completed Research Support:

Metcalfe (PI) 2004-2006

CIHR

The development of a decision aid for breast cancer prevention in BRCA1 and BRCA2 mutation carriers.

Role: Co-investigator

O'Connor (PI) 2004-2006

Ministry of Health

Improving the quality and cost-effectiveness of decision support provided by primary health care practitioners in family health networks.

Lange (PI) 2004-2005  
CIHR  
Development of a telephone-mediated decision support program as an innovative component of a primary health care delivery model in Chile.  
Role: Co-investigator

Graham (PI) 2004-2005  
CIHR  
Identification, concept and bibliometric analyses of knowledge translation theories/frameworks.  
Role: Co-investigator

Tugwell (PI) 2003-2006  
CIHR  
How do you measure an effective musculoskeletal and arthritis health consumer?  
Role: Co-investigator

O'Connor (PI) 2003-2006  
Bell Canada  
Patient decision support laboratory.  
Role: Principal Investigator

O'Connor (PI) 2003-2005  
Fdn for Informed Med Dec Making  
Validation of quality monitoring tools for Health Dialog call center nurses.

Cranney (PI) 2003-2004  
CIHR  
Feasibility of a strategy to promote the implementation of the use of an osteoporosis decision aid.  
Role: Co-investigator

Andersson (PI) 2002-2005  
CIHR  
CIET Canada & University of Ottawa Aboriginal capacity and Development Research Environment (ACADRE).  
Role: Co-investigator

O'Connor (PI) 2002-2004  
Canadian Foundation for Innovation and Ontario Innovation Trust  
Awards to support the infrastructure, lab, equipment for the Chair project.

McAlister (PI) 2001-2004  
Canadian Stroke Network  
A randomized trial to assess impact of an antithrombotic decision aid in patients with atrial fibrillation.  
Role: Co-Investigator

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